



IN THE EVENT OF A CHEMICAL EMERGENCY INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CONTACT THE BELOW NUMBERS.

**EMERGENCY 24 HOUR NUMBER**

**GENERAL INFORMATION NUMBER**

CHEMTREC 1-800-424-9300

MAPEI 1-954-246-8888

**Material Safety Data Sheet**

**CPSC STATEMENT**

**WARNING** - ALKALINE WHEN WET. POTENTIAL SKIN AND EYE IRRITANT TO SENSITIVE INDIVIDUALS. CONTAINS KNOWN OR PROBABLE HUMAN CARCINOGEN. HARMFUL OR FATAL IF SWALLOWED.

**DOT HAZARD CLASSIFICATION**

Not Regulated

**IDENTITY (As shown on label):**

**KER 800**

**Polymer Modified Wall Tile Grout - Unsanded (All Colors)**

**SECTION I - GENERAL INFORMATION**

**MANUFACTURER:**

MAPEI CORPORATION  
1144 East Newport Center Drive  
Deerfield Beach, FL 33442

**PREPARED BY:**

Donald House  
Manager of Product and Employee Safety

**PRINT DATE:**

Thursday, August 23, 2001

**SECTION II - PHYSICAL CHARACTERISTICS**

Maximum VOC N/A  
Boiling Point N/A  
Vapor Pressure (mmHg) N/A  
Vapor Density (AIR=1) N/A  
Specific Gravity (H2O=1) 2.0 - 2.2  
Melting Point (F) N/A  
Evaporation Rate (Butyl Acetate=1) N/A

Solubility in water Negligible  
Appearance and Odor Multi-colored powder. General cement odor.

*VOC calculated per (Rule 1168, South Coast Air Quality District - California)*

**SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

**Hazardous Components**

**(specific chemical identity; common names):**

	OSHA (PEL)	ACGIH (TLV-TWA)	Other Limits Recommended	% Percent (Optional)
Calcium Carbonate (CAS# 1317-65-3)	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>	(Respirable only.)	40 - 50%
Hydraulic Cement (CAS# 65997-15-1)	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>	N/E	40 - 50%
Iron Oxide Pigment (CAS# 1309-37-1)	10mg/m <sup>3</sup>	5mg/m <sup>3</sup>	N/E	0 - 8%
Titanium Dioxide (CAS# 13463-67-7)	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>	N/E	0 - 3%
Silica Sand, Crystalline Quartz (CAS# 14808-60-7)	10mg/m <sup>3</sup>	0.1mg/m <sup>3</sup>	(Respirable only.)	<1.0%

FOR CALIFORNIA: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE TOXICITY.

HMIS (Hazardous Materials Identification System) Rating: Health - 3 Fire - 0 Reactivity - 0 Protection - E

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Flash Point (F) - N/E

Lower Explosive Limit (%) - N/E

Upper Explosive Limit (%) - N/E

**Extinguishing Media**

Will not burn except under extreme temperatures. Water spray, carbon dioxide, dry chemical or foam.

**Special Fire Fighting Procedures**

Wear standard fire fighting gear with self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards**

Some decomposition products may be harmful.

**SECTION V - REACTIVITY DATA**

STABILITY: Stable

Conditions to Avoid None known.

**Incompatibility (Materials to Avoid)**

Strong oxidizing agents, strong acids, and strong bases.

**Hazard Decomposition of By-products**

Carbon monoxide, carbon dioxide, oxides of nitrogen, and other unidentified organic compounds.

**POLYMERIZATION:** Will Not Occur

**Conditions to Avoid**

None known.

**SECTION VI - HEALTH HAZARD DATA**

**ROUTES OF ENTRY:**      **Inhalation?** YES      **Skin?** YES      **Ingestion?** YES

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

**Acute:** Possible injury due to the alkaline nature of wet cement (dermatitis, dry cough, etc.).

**Chronic:** Repeated (long term) inhalation of dust may result in silicosis.

**CARCINOGENICITY:**    **NTP** - YES      **IARC** - YES      **OSHA** - YES

Crystalline Silica - IARC Group 1 Agent

**Signs and Symptoms of Overexposure**

Dry skin, dermatitis, dry cough, irritated eyes from dust or any other potential adverse condition related to the alkaline nature of wet cement.

**Medical Conditions That Can Be Aggravated by Exposure**

Allergies, skin and respiratory disorders. Product sensitivity.

**EMERGENCY AND FIRST AID PROCEDURES**

**Eyes -** Flush with cool water for 15 minutes while holding eyelid open. If irritation persists, seek medical attention immediately.

**Skin -** Avoid contact with skin. Remove contaminated clothing. Wash affected area thoroughly with soap and water. If irritation persists, seek immediate medical attention.

**Inhalation -** Remove to fresh air. If not breathing, trained personnel should initiate artificial respirations and immediate medical attention should be obtained.

**Ingestion -** Do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek medical attention immediately.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to be taken if Material is Leaked or Spilled**

While using appropriate protective equipment, place spilled material in poly drum, or container requirement by local disposal company, and store in a safe place till material can be disposed of in accordance with regulations.

**Waste Disposal Method**

Dispose of in accordance with local, state, and federal regulations governing your location.

**Precautions to be taken during Handling and Storage**

Store in a manner to prevent dusty conditions.

**Other Precautions**

Avoid prolonged skin contact and dusty conditions.

**SECTION VIII - CONTROL MEASURES**

**Respiratory Protection:** During work with dry product it is recommended to wear a NIOSH APPROVED PARTICULATE FILTER RESPIRATOR RATED N95 (42 CFR 84).

**VENTILATION:    Local Exhaust**

Observe local, state, and federal regulations governing emissions.

**Special**

N/A

**Mechanical**

As necessary to minimize dusty conditions.

**Other**

N/A

**Eye Protection -** Safety glasses or goggles as necessary to      **Protective Gloves -** Impervious. (Nitrile, rubber, or better)

**Other Protective Equipment -** As needed to minimize contact with skin.

**WORK AND HYGIENE PRACTICE**

Remove contaminated clothing immediately. Wash hands, after each use and before eating, drinking, or using toiletries.

Minimize contact of product on skins.

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